

BROADWAY IMPROVEMENTS

NEIGHBORHOOD MEETING

MARCH 31, 2011



PUBLIC SERVICES DEPARTMENT/
TRANSPORTATION SERVICES DIVISION

Background

- **Resident Concerns for Broadway**
 - **Wide Curb-to-Curb Width**
 - **Pedestrian Accessibility (School Children)**
 - **Need for Additional Measures to Enhance Residential Character**

Background (Continued)

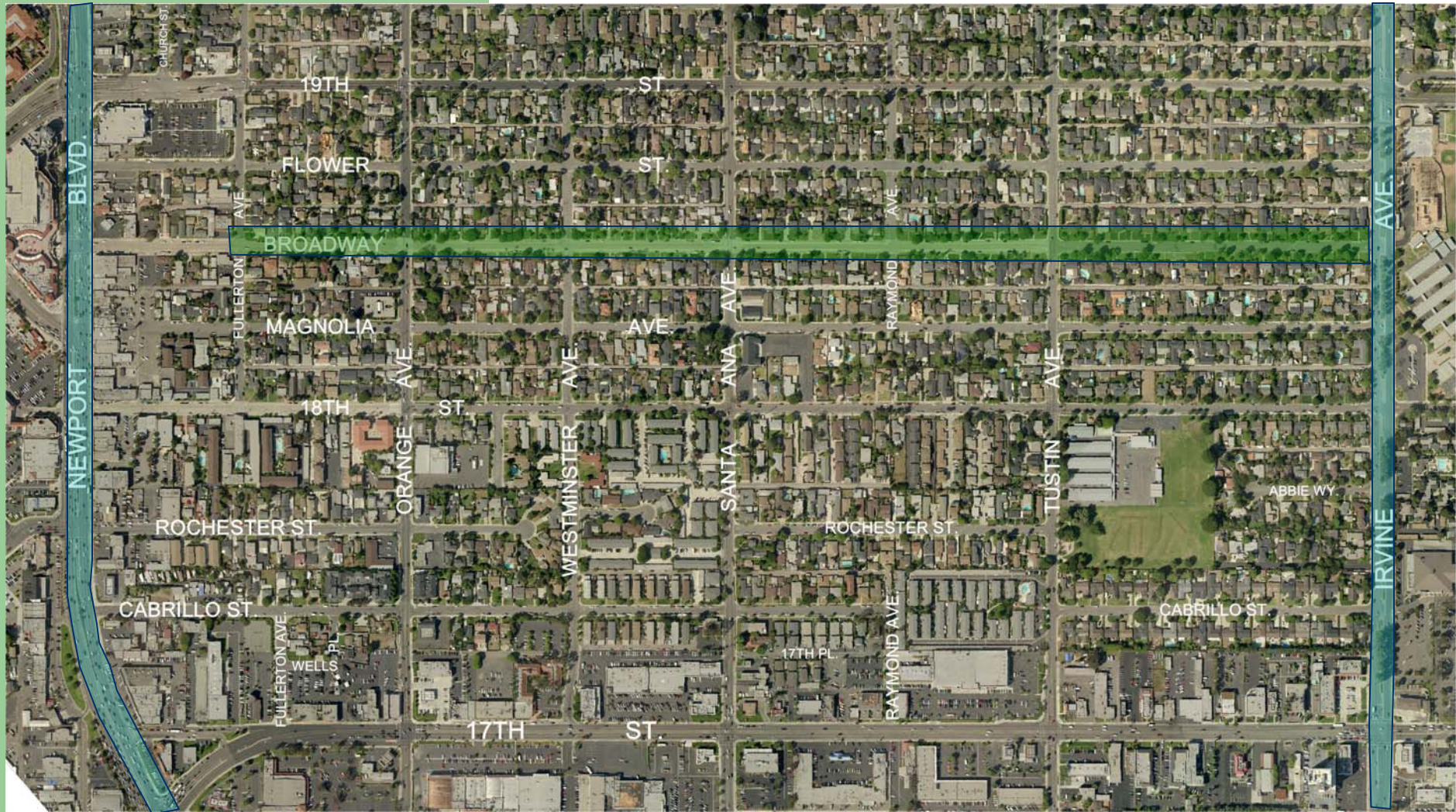
- **On-going Discussions with Neighborhood Groups on Improvement Options Over Two Years**
- **City Applied for and Received Safe Route to School Grant Funding for Broadway Improvements**

Grant Information

- **Safe Route to School Grant - \$999,600**
Received funds for FY2010/2011
Approximately 10% for Design
90% for Construction
- **Features Eligible for Grant Funding:**
 - **Narrowing curb to curb width**
 - **Sidewalks**
 - **Chokers and Medians**
 - **Landscape Treatments**
 - **Bicycle facilities**
- **Project Limits – Fullerton Avenue to Irvine Avenue**

BROADWAY

LOCATION OVERVIEW



Existing Conditions - Broadway

- **Curb to curb width between Fullerton Avenue and Tustin Avenue is 50 feet.**
- **Curb to curb width between Tustin Avenue and Irvine Avenue is 42 feet.**
- **Right-of-Way**
 - **60 Feet Between Fullerton Avenue and Santa Ana Avenue**
 - **70 Feet Between Santa Ana Avenue and Irvine Avenue**

BROADWAY

TYPICAL EXISTING SECTION



Neighborhood Outreach Meetings

- **Two Meetings Previously Held on March 4, 2010 and May 6, 2010 to Review and Discuss Improvement Concepts**
- **Meetings Were at Kaiser Elementary School**
- **Residents Bounded by East 19th Street, Fullerton Avenue, Irvine Avenue and East 18th Street Notified**

City Council Meeting

- **City Council Considered Improvement Options on July 20, 2010**
- **Recommended Option 4 Including**
 - **Intersection Chokers**
 - **Midblock Medians**
 - **Sidewalk on Both Sides**
 - **Drought tolerant and low maintenance Landscape**

Maintain On-street Bicycle Lanes With Chokers, Medians and Sidewalk on Both Sides



Resident Concerns

- **Parking Impacts, Medians/Chokers**
 - **Impact to Other Streets**
 - **Mail Delivery**
 - **Landscaping**
 - **Sidewalk Installation**
- 
- An aerial photograph of a residential street, likely Broadway, showing a proposed Safe Route to School (SRTS) project. The street is wide with a double yellow line down the center. On both sides, there are sidewalks and green spaces. The project includes planting young trees in the green spaces, installing new sidewalks, and adding landscaping like grass and flowers. The surrounding area consists of houses and trees, with a clear blue sky above.

Design Features and Considerations

Medians: Design of Medians Optimized

- Median Width Reduced to 6 Feet
- No Parking Impacts
- Placed in Existing Red Curb Areas
- Away from Existing Driveways

Design Features and Consideration (cont'd)

Chokers

- Located at Intersections
- No Midblock Chokers
- Defines Residential Character

Design Features and Consideration (cont'd)

Sidewalks and Driveways

- Sidewalk Designed to Meet Requirements of Americans with Disabilities Act (ADA)
- Minor Easements at Driveways to Meet ADA Requirements
- Improved Pedestrian Access by Providing Clear Path of Travel on Both Directions
- Reduces Mid Block Pedestrian Crossings

Design Features and Consideration (cont'd)

Mailboxes

- **No Issue with Mail Delivery When Placed at Property Line—Some Existing Mailboxes Need Relocation**

Landscaping


- **Incorporated Landscaping with Minimum Maintenance Requirements**
- **City Maintenance to Start One-Year After Project Construction**

SAFE ROUTE TO SCHOOL (SRTS) GRANT



PLANT MATERIALS LEGEND													
SYMBOL	BOTANICAL NAME	COMMON NAME	QTY.	SIZE	SPACING	DETAILS	SYMBOL	BOTANICAL NAME	COMMON NAME	QTY.	SIZE	SPACING	DETAILS
TREES							SHRUBS AND GROUNDCOVER						
THIS SHEET							THIS SHEET						
	LAGERSTROEMIA 'MUSKOGEE'	LAVENDER CRAPEMYRTLE	2	24" BOX	PER PLAN	A.D./S.L.S		CISTUS 'SUNSET'	ROCKROSE	12	1 GALLON	PER PLAN	B.C./L.S
	LAGERSTROEMIA 'TUSCANORA'	RED CRAPEMYRTLE	8	24" BOX	PER PLAN	A.D./S.L.S		COTONEASTER DAM. 'LOWFAST'	COTONEASTER	0	8 GALLON	PER PLAN	B.C./L.S
	LAGERSTROEMIA 'NATCHEZ'	WHITE CRAPEMYRTLE	0	24" BOX	PER PLAN	A.D./S.L.S		FESTUCA GLAUCA	BLUE FESCUE	REQ'D	1 GALLON	1" O.C.	B.C./L.S
								GREVILLEA LAN. 'COASTAL GEM'	GREVILLEA	0	1 GALLON	PER PLAN	B.C./L.S
								HESPERALOE PARVIFLORA	RED YUCCA	14	5 GALLON	PER PLAN	B.C./L.S
								IMPERATA CYLINDRICA 'RUBRA'	JAPANESE BLOOD GRASS	REQ'D	1 GALLON	1" O.C.	B.C./L.S
								JUNIPERUS HOR. 'BLUE CHIEF'	BLUE CHIEF JUNIPER	0	8 GALLON	PER PLAN	B.C./L.S
								LANTANA 'GOLD RUSH'	LANTANA	6	1 GALLON	PER PLAN	B.C./L.S
								LITHODORA DIFFUSA 'GRACE WARD'	LITHODORA	4	1 GALLON	PER PLAN	B.C./L.S
								MULBERRIES CAP. 'REGAL MIST'	PINK MULBERRY	0	5 GALLON	PER PLAN	B.C./L.S
								PHORUM 'TINY TIGER'	DWARF FLAX	REQ'D	5 GALLON	2" O.C.	B.C./L.S
								PITTOCOPTERUM TOB. 'CREME DE MINT'	DWARF VARIATED PITTOCOPTERUM	18	5 GALLON	PER PLAN	B.C./L.S
								ROSMARINUS OFF. 'HUNTINGTON CARPET'	PROSTRATE ROSEMARY	4	8 GALLON	PER PLAN	B.C./L.S
SHRUBS AND GROUNDCOVER							SHRUBS AND GROUNDCOVER						
	ARCTOSTAPHYLOS 'EMERALD CARPET'	EMERALD CARPET MANZANITA	25	1 GALLON	PER PLAN	B.C./L.S							
	BACCHARIS PILULARIS 'TWIN PEAKS'	DWARF COYOTE BUSH	4	1 GALLON	PER PLAN	B.C./L.S							
	BOUGHANVILLEA 'DO-LA-LA'	BOUGHANVILLEA	12	5 GALLON	PER PLAN	B.C./L.S							
	CALLISTEMON VIM. 'LITTLE JOHN'	DWARF BOTTLEBRUSH	12	5 GALLON	PER PLAN	B.C./L.S							
	CHERITONIA MIL. 'GREEN CARPET'	NATAL PLUM	3	1 GALLON	PER PLAN	B.C./L.S							



REVISIONS				CONTRACTOR	U.S. #	BENCHMARK		DULGHED BY: ELI HATTON	DATE		CITY OF COSTA MESA DEPARTMENT OF PUBLIC SERVICES / ENGINEERING DIVISION	IMPROVEMENT PLANS BROADWAY SAFE ROUTE TO SCHOOL IMPROVEMENTS PLANTING IMAGES	SHEET L-X OF XX PLAN NUMBER
NO.	DATE	DESCRIPTION	APP.			BENCH MARK NO. CM-10-B	DRAWN BY: ELI HATTON						
						ELEVATION: 60.04 FEET (NAVD83)	CHECKED BY: S. HENDRICKS						
DATE OF CONSTRUCTION						DESCRIPTION: DISCOVERED BY COG BELL FOUNDry FOR ALUMINUM IMPROVEMENTS THE STATIONED CONCRETE SET IN THE LEFT CURB OF THE CORNER OF THE INTERSECTION OF SANTA ANA AND BROADWAY. THE SET IS 10 FEET FROM THE CORNER OF BROADWAY AND 10 FEET FROM THE CORNER OF SANTA ANA. THE SET IS 10 FEET FROM THE CORNER OF BROADWAY.	RECOMMENDED BY:						
NO.						END	APPROVED BY:						
DATE ACCEPTED BY CITY COUNCIL						BASIC OF MEASUREMENT: THE COORDINATES AND BEARINGS FROM THE CORNER OF BROADWAY AND BROADWAY. THE CORNER OF BROADWAY AND BROADWAY ARE SAVED IN THE CITY OF COSTA MESA.			EDUARDO MURGIO, CITY ENGINEER S.C.E. #04903	P.E. SEAL			

BROADWAY

TYPICAL EXISTING SECTION



BROADWAY

PROPOSED IMPROVEMENTS



Project Steps

- **Design – September 2010 to June 2011
80% Complete**
- **3rd Neighborhood Meeting – March 31**
- **Meet with Homeowners – April – June 2011**
- **4th Neighborhood Meeting – To Be Determined**
- **Advertise for Construction in 2012**

BROADWAY SAFE ROUTE TO SCHOOL (SRTS) GRANT

Questions ?

Contacts:

City of Costa Mesa

Debra Bieber

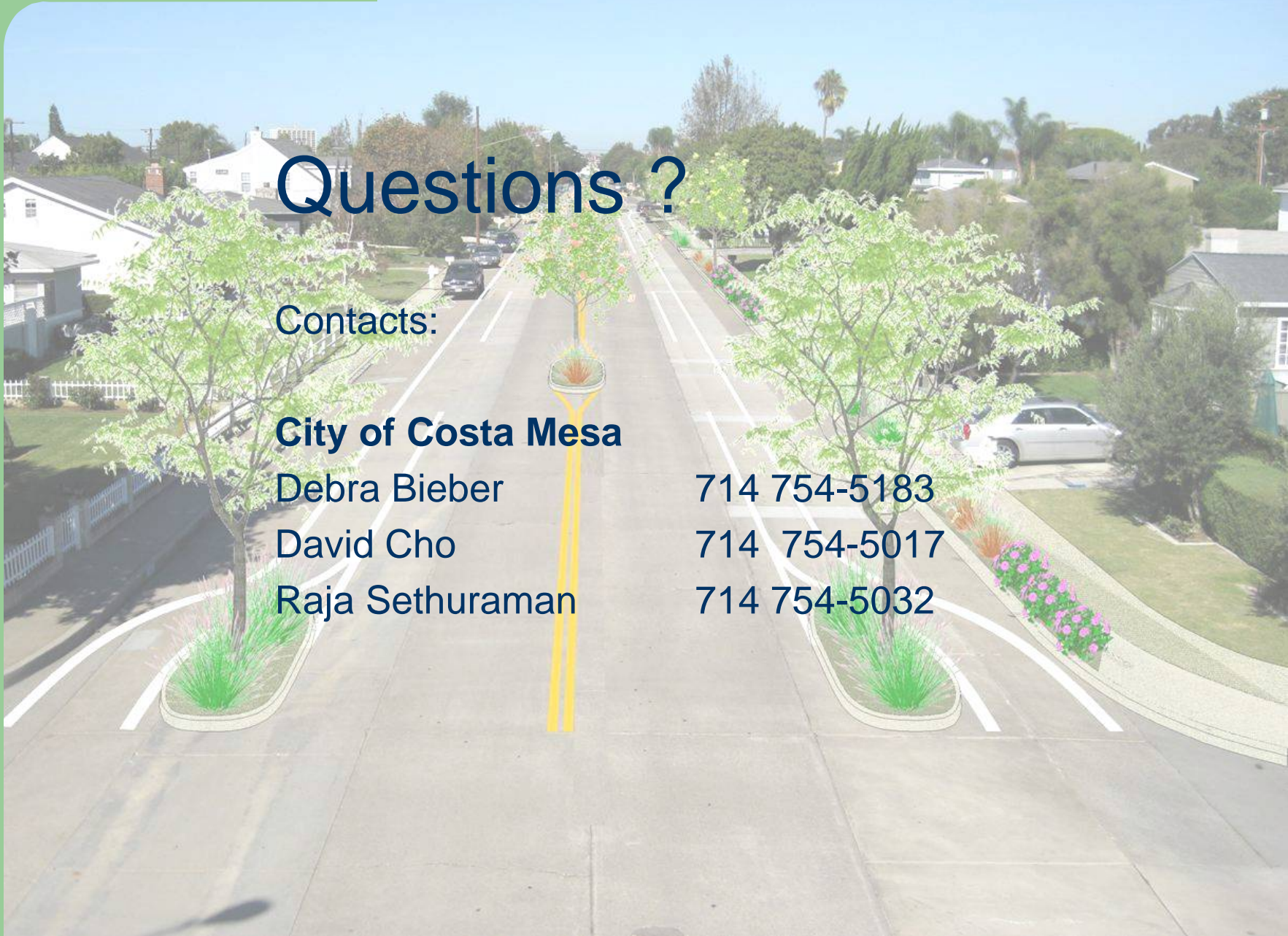
714 754-5183

David Cho

714 754-5017

Raja Sethuraman

714 754-5032



BROADWAY

PROPOSED IMPROVEMENTS





Broadway at
Fullerton Ave.
(Chokers/ Medians)



Broadway At
Fullerton Ave.
(Existing)



Broadway At
Orange Ave.
(Existing)



Broadway At
Orange Ave.
(Chokers / Medians)





Broadway At
Westminster Ave.
(Chokers / Medians)